

What is claimed is:

1. A method of increasing output of poly(vinyl chloride) compounds blended from dry-blended powders, comprising the steps of:

5 (a) selecting a conventional dry blend formulation of poly(vinyl chloride) compound that comprises at least one poly(vinyl chloride) polymer in powder form and additives;

(b) replacing, in that conventional dry blend formulation, one poly(vinyl chloride) polymer powder of a given Inherent Viscosity with a replacement poly(vinyl chloride) polymer powder having an Inherent Viscosity about 3 to
10 about 35 percent higher to provide a replacement dry blend formulation; and

(c) extruding the replacement dry blend formulation through a profile die at a speed of as much as about thirty percent (30%) faster than the extrusion speed for the conventional dry blend formulation.

15 2. The method of Claim 1, wherein the poly(vinyl chloride) is a homopolymer or a copolymer.

3. The method of Claim 1, wherein the replacement poly(vinyl chloride) polymer powder has an Inherent Viscosity of about 10% higher than the given
20 Inherent Viscosity.

4. The method of Claim 1, wherein the replacement poly(vinyl chloride) polymer powder has a particle size of from about 30 μm to about 400 μm .

25 5. The method of Claim 1, wherein the replacement poly(vinyl chloride) polymer powder has a particle size of from about 100 μm to about 250 μm .

6. The method of Claim 1, wherein the dry blend formulation further comprises an additive selected from the group consisting of processing aides,

impact modifiers, titanium dioxide, inorganic fillers, pigments, lubricants,
organic ultraviolet light screeners, and stabilizers.

5 7. The method of Claim 1, wherein extruding step (c) uses a single
screw or twin-screw extruder with a single stage or multi-stage configuration.

8. The method of Claim 7, wherein the extruder is a twin-screw
extruder with 5 zones and a L/D ratio of about 26:1.

10 9. An article made from dry-blended powder of a poly(vinyl chloride)
compound according to the process of Claim 1.

15 10. A use of an extruded article made from dry-blended powder of a
poly(vinyl chloride) compound according to the process of Claim 1.